

05—260 Checking valve springs

Valve spring data

Part No. (optional)	Color code	OD mm	Wire dia. mm	Length unloaded mm	Spring force at preloaded length mm	Spring force at preloaded when new N	limit value N
Inner spring 108 053 00 20 (114 053 00 22)	white	22.2	2.5	45	21	228—252	205
Outer spring 129 053 02 20 ¹⁾ 129 053 03 20 ¹⁾	red red	33.2—33.7 33.1—33.4	4.3 4.25	50 50	30 31	677—763 635—705	609 571
Outer spring 110 053 01 20 ²⁾	yellow/red violet/red	34.1—34.5	4.75	49	30.5	860—920	775

¹⁾ Only together with inner spring.

²⁾ Without inner spring.

Checking

- 1 Check valve springs with a valve spring tester or a spring testing scale.
- 2 Check spring force at specified length.
- 3 Renew valve springs if below limit value.

